

Declaration and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that my residence, post office address, and citizenship are as stated below next to my name, and that I believe I am the original, first and sole inventor (if only one is listed) or an original, first and joint inventor (if plural names are listed) of the subject matter which is claimed and for which a patent is sought on the invention described in the attached specification entitled **PASSIVELY Q-SWITCHED LASER FOR BLUE LASER BASED ON INTERACTIONS IN FIBER**

First or Sole Inventor:	Full name:	Thomas J. Kane	Citizenship:	US
	Residence:	1250 Altschul Avenue, Menlo Park, CA 94025		
	Postal Address:	Same as above		
Second Joint Inventor:	Full name:	Loren A. Eyres	Citizenship:	US
	Residence:	398-El Camino Real #136, Palo Alto, CA 94306		
	Postal Address:	Same as above		
Third Joint Inventor (if any):	Full name:	David R. Balsley	Citizenship:	US
	Residence:	4979 17 th Street, San Francisco, CA 94117		
	Postal Address:	Same as Above		
Fourth Joint Inventor (if any):	Full name:	Gregory L. Keaton	Citizenship:	US
	Residence:	3847 18 th Street, San Francisco, CA 94114		
	Postal Address:	Same as Above		
Fifth Joint Inventor (if any):	Full name:	James J. Morehead	Citizenship:	US
	Residence:	5300 Manila Avenue, Oakland, CA 94618		
	Postal Address:			

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S)

Country	Application Number	Date of Filing	Priority Claimed Under 35 U.S.C. §119
NONE			[] Yes [] No

I claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

PRIOR U. S. APPLICATION(S)

Application No.	Filing Date	Status			
NONE		[] Provisional	[] Patented	[] Pending	[] Regular

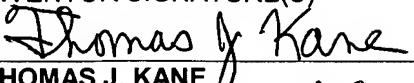
I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Title 18, §1001 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY:

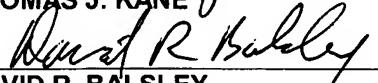
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office Connected therewith:

Joshua D. Isenberg (#41,088)
Practitioners at Customer Number 27652

INVENTOR SIGNATURE(S)


Thomas J. Kane

THOMAS J. KANE


David R. Balsley

DAVID R. BALSLEY


James J. Morehead

JAMES J. MOREHEAD

9/12/03

Date

9/12/03

Date

9/12/03

Date


Loren A. Eyres

LOREN A. EYRES


Gregory L. Keaton

GREGORY L. KEATON

9/12/03

Date

9/12/03

Date

POWER OF ATTORNEY BY ASSIGNEE

The undersigned assignee of the entire interest in for Letters Patent for the invention entitled:
PASSIVELY Q-SWITCHED LASER FOR BLUE LASER BASED ON INTERACTIONS IN FIBER, for which application for an application for Letters Patent is filed concurrently herewith

by virtue of Assignment recorded concurrently herewith hereby appoints:

Joshua D. Isenberg Reg. No., 41,088,
Practitioners at Customer Number **27652**

as its agents to prosecute the attached application and to transact all business in the Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventor(s) and their attorney(s) in accordance with the provisions of Rule 32 of the Patent Office Rules of Practice.

Please direct all communication relative to said application to the following correspondence address:

Joshua D. Isenberg
204 Castro Lane
Fremont, CA 94539
tel: (510) 896-8328
fax: (510) 360-9656

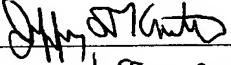
I am duly authorized to sign this instrument on behalf of assignee corporation. I hereby declare that, to the best of my knowledge and belief, title is in the assignee herein, and I affirm review of the Assignment document concurrently submitted and believe that the attached application has been assigned to assignee herein and that assignee therefore has the right to make this Power of Attorney and Exclusion of Inventor(s).

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ASSIGNEE: **LIGHTWAVE ELECTRONICS CORPORATION**

LIGHTWAVE ELECTRONICS CORPORATION
2400 Charleston Road
Mountain View, CA 94043

Official Authorized to Act on Behalf of Assignee:

Signature: 
Name: Jeffrey D. Kmetec
Title: VP, Bus. Dev.

Sept. 12, 2003
Date

STATEMENT UNDER 37 CFR 3.73(b)

Applicant: Thomas J. Kane et al.

Application No.: Not Yet Assigned Filed : Herewith

Entitled: **PASSIVELY Q-SWITCHED LASER FOR BLUE LASER BASED ON INTERACTIONS IN FIBER**

Lightwave Electronics Corporation, a corporation,
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership,
university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of an undivided part interest in the patent application/patent identified above by virtue of either:
 - A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____
To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____
To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____
To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.
 Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Sept. 10, 2003
Date

Jeffrey D. Kane
Signature

VP, Bus. Dev.
Title

Jeffrey D. Kane
Typed or printed name